

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
ASSISTANT SECRETARY FOR HOUSING-FEDERAL HOUSING COMMISSIONER

Series and Series Number:

(Supersedes issue dated  
April 27, 1993)

MATERIALS RELEASE NO. 978d

TO: DIRECTORS, HOUSING DIVISION  
DIRECTORS, MULTIFAMILY DIVISION  
DIRECTORS, SINGLE FAMILY DIVISION

ISSUE DATE: February 12, 1997

REVIEW DATE: February 12, 2000

SUBJECT: 1. Product Shakertown Cedar Shake/Shingle Wall Panel

2. Name and Address of Manufacturer Shakertown 1992, Inc.  
P. O. Box 400  
Winlock, WA 98596

Data on the nonstandard product described herein have been reviewed by the Department of Housing and Urban Development and determination has been made that it is considered suitable from a technical standpoint for the use indicated herein. This Release does not purport to establish a comparative quality or value rating for this product as compared to standard products normally used in the same manner.

This Materials Release cannot be used as an indication of endorsement, approval or acceptance by HUD of the described product, and any statement or representation, however made, indicating such approval, endorsement or acceptance by HUD is unauthorized. See Code 18, U.S.C. 709.

Any reproduction of this Release must be in its entirety.

USE: Mansard Covering and Siding.

DESCRIPTION:

A system of prefabricated cedar shake/shingle panels.  
The system is composed as follows:

4' 2-Ply Shingle/Shake Panels

8' or 4' 3-Ply Shingle/Shake Panels

8' 4-Ply Panels

Composed of No. 1 grade cedar shingles or shakes bonded with exterior type glue\* to 5/16" sheathing grade C-D-C Douglas-fir plywood. The net shingle or shake exposure is 14" or 7", and can form a single or two-course siding panel.

\*ADHESIVE shall be phenolic resin glue or, as an alternate, Duro-Lok #42-2151 mixed with 5 percent catalyst #42-2301, manufactured by the National Starch Company. This adhesive shall provide a glue line that meets test requirements for exterior plywood in Product Standard PS 1-95.

MATERIALS:

1. Exposed shingles and shakes are No. 1 grade cedar, complying with U.B.C. Standard Nos. 32-11 and 32-8. The shingles and shakes are graded and inspected under the rules of the approved Quality Control Agency No. AA-508.
2. The adhesive used to bond the shingles or shakes to the backing material is phenolic resin adhesive, or the alternate specified above, providing a glue line that meets test requirements for exterior plywood in Product Standard PS 1-95.

IDENTIFICATION:

All packages of Shakertown shake/shingle panels manufactured and deemed technically suitable by this MR shall be clearly labeled at the factory with the identifying symbols "FA-153" and HUD MR 978.

This MR does not cover or include any panels utilizing a Grade C veneer crossband in lieu of sheathing grade plywood backing. Such panels shall not be labeled or stamped as meeting the requirements of this MR 978.

INSTALLATION:

Installation shall be in accordance with the producer's application instructions, including the handling of overhangs and other exposed surfaces, the HUD Minimum Property Standards, and the following provisions:

1. Copies of the application instructions shall be made available to and through the specifying architect and/or the contractor performing this work. One copy shall be maintained in the Field Office file, and one copy provided for the field inspector.
2. The mansard shall have a slope of 60° or greater from the horizontal, and water from the main roof shall not flow over the mansard.

3. The mansard roof installation shall either have 3/8" exterior plywood sheathing, or if directly on studs, shall meet HUD requirements for corner bracing.
4. Wall shingle/shake installations applied directly on studs shall meet HUD requirements for corner bracing.
5. All panels shall be installed over a layer of approved building paper when placed on open studs.

LIMITATIONS:

These systems shall be limited to buildings of three stories or less in height, in accordance with the following schedule:

Schedule of Building Heights

<u>Distance Separation</u>	<u>Maximum Roof Area</u>
20 ft.	3000 sq. ft.
25 ft.	3800 sq. ft.
30 ft.	4600 sq. ft.
More than 30 ft.	Not limited

If the roof overhang is more than 6", the required distance of separation shall be the distance as measured between the eaves of adjacent buildings.

MANUFACTURER'S WARRANTY:

Shakertown Corporation, the manufacturer of Shakertown cedar shake/shingle wall panels, warrants that the panels will be free from manufacturing defects which would adversely affect the performance and waterproofness of the roof or wall for a period of twenty (20) years from the date of application, provided the panels are installed in accordance with the manufacturer's instructions.

Shakertown will pay 100% of the cost of labor and materials reasonable and necessary to repair or replace, at Shakertown's option, any Shakertown panel product that fails to meet this guarantee in the first year after installation. From the end of the first year's installation, Shakertown's responsibility for cost shall decrease 5% per year thereafter.

Shakertown will not be responsible for damages that are a result of settling, warping or any other destruction, in whole or in part, beyond the control of Shakertown as manufacturer.

MANUFACTURER'S RESPONSIBILITIES:

Issuance of this MR commits the manufacturer to fulfill, as a minimum, the following:

1. Produce, label and certify the material, product or system in strict accordance with the terms of this MR.
2. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance or failure reported by HUD.
3. When requested, provide the Office of Consumer and Regulatory Affairs, HUD Headquarters, with a representative list of properties, in which the material, product or system has been used, including complete addresses or descriptions of locations and dates of installation.
4. Inform HUD in advance of changes in production facilities, methods, design of the product, company name, ownership or mailing address.

EVALUATION:

This MR shall be valid for a period of three years from the date of initial issuance or most recent renewal or revision, whichever is later. The holder of this MR shall apply for a renewal or revision 90 days prior to the Review Date printed on this MR. Submittals for renewal or revision shall be sent to HUD Headquarters. Appropriate User Fee shall be sent to:

U. S. Department of Housing and Urban Development  
Technical Suitability of Products Fees  
P. O. Box 954199  
St. Louis, MO 63195-4199

The holder of this MR may apply for revision at any time prior to the Review Date. Minor revisions may be in the form of a supplement to the MR.

If the Department determines that a proposed renewal or supplement constitutes a revision, the appropriate User Fee for a revision will need to be submitted in accordance with Code of Federal Regulations 24 CFR 200.934, "User Fee System for the Technical Suitability of Products Program," and current User Fee Schedule.

CANCELLATION:

Failure to apply for a renewal or revision shall constitute a basis for cancellation of this MR. HUD will notify the manufacturer that the MR may be canceled when:

- 1) conditions under which the document was issued have changed so as to affect production of, or to compromise the integrity of the accepted material, product or system,
- 2) the manufacturer has changed its organizational form without notifying HUD, or
- 3) the manufacturer has not complied with responsibilities it assumed as a condition of HUD's acceptance.

However, before cancellation, HUD will give the manufacturer a written notice, of the specific reasons for cancellation, and the opportunity to present views on why the MR should not be canceled. No refund of fees will be made on a canceled document.

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This Materials Release is issued solely for the captioned firm, and is not transferable to any person or successor entity.  
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